



Scientific Wonders on the Earth & in Space



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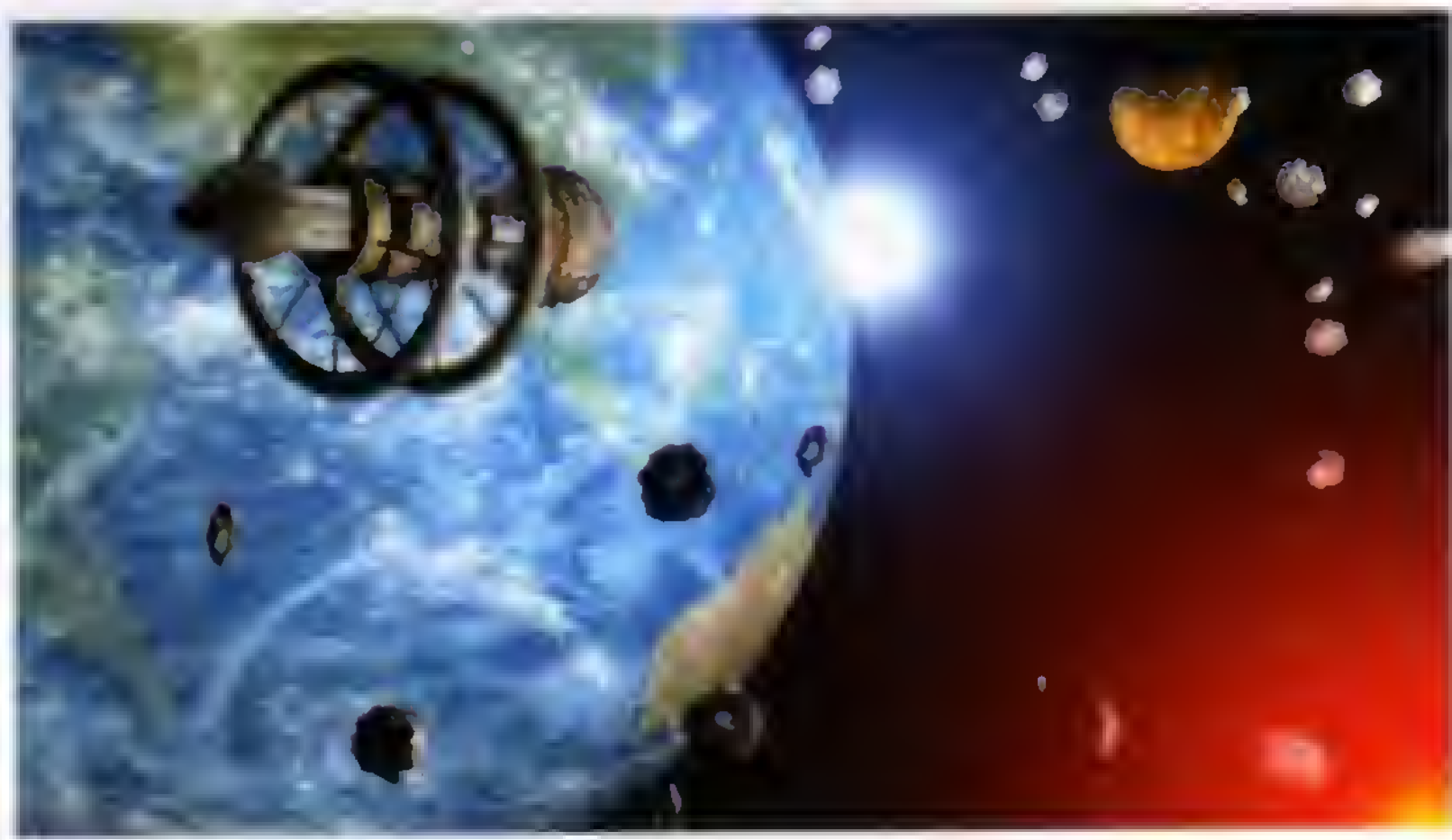
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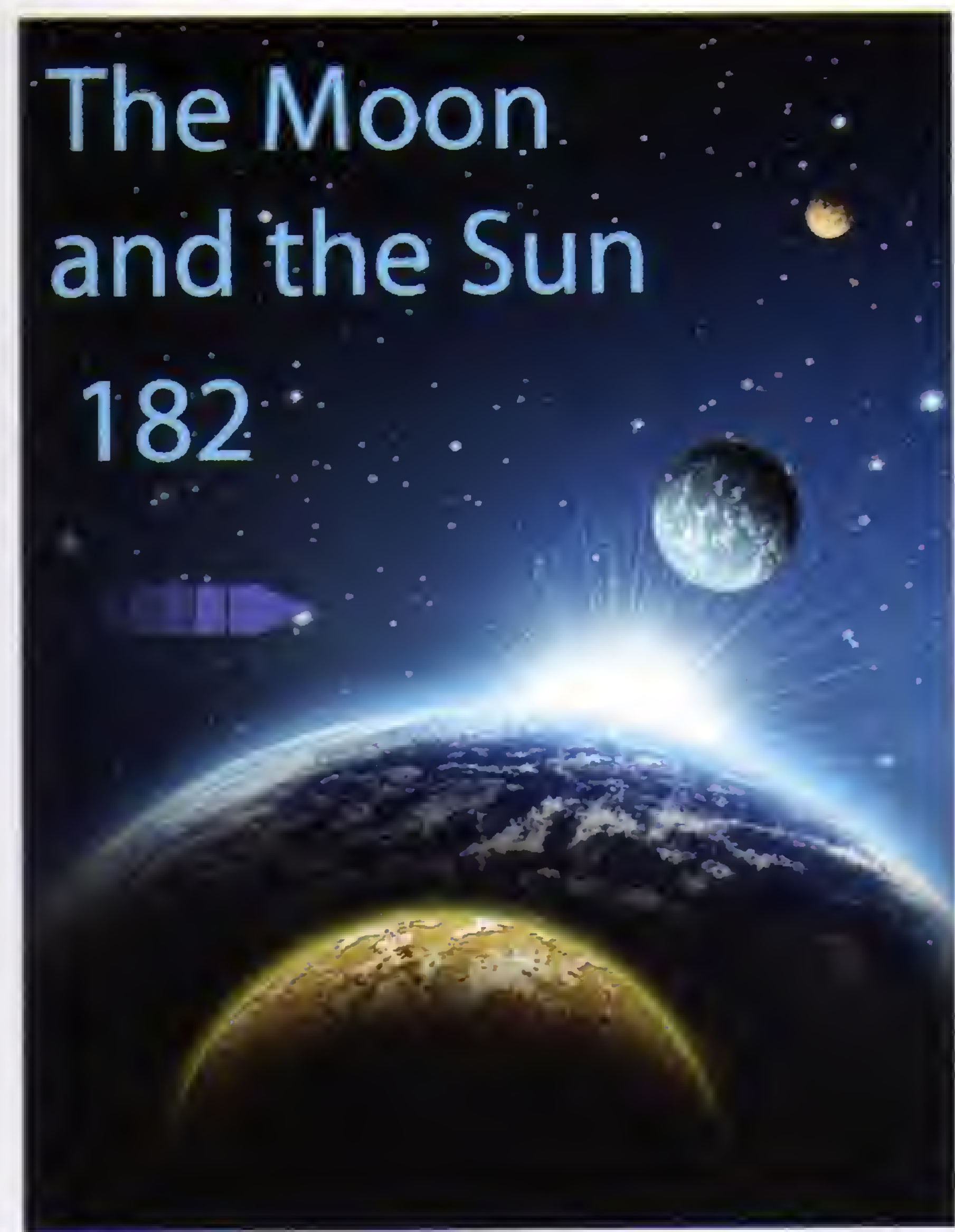
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The Scientific Wonders on the Earth

The miracles of the Qur'an regarding our surrounding environment - the seas, land, animals, plants and other inorganic matters - are clear evidences that the Qur'an is the Word of Allah, the Lord who created them.

The Qur'an urges us to ponder over and inquire into the creation on Earth so that they serve as a guide to recognize the Creator, the Disposer of affairs. Verses have followed others encouraging the man to ponder over the Earth and its contents: what is the secret behind this?

Allah, the Most High, says:

﴿لَخَلْقُ السَّمَوَاتِ وَالْأَرْضِ أَكْبَرُ مِنْ خَلْقِ النَّاسِ وَلَٰكِنَّ أَكْثَرَ النَّاسِ لَا يَعْلَمُونَ﴾

"The creation of the heaven and the Earth is indeed greater than the creation of mankind, and yet most mankind know not."

(Soorah Ghafir 40:57).



Earth's Movement

Allah, the Most High, says:

﴿وَتَرَى الْجِبَالَ تَحْسَبُهَا جَامِدَةً وَهِيَ تَمُرُّ مَرَّ السَّحَابِ﴾
 ﴿صُنِعَ اللَّهُ الَّذِي أَنْقَنَ كُلَّ شَيْءٍ إِنَّهُ خَبِيرٌ بِمَا تَفْعَلُونَ﴾

"And you will see the mountains and think them solid but they shall pass away as the passing away of clouds. The work of Allah, Who perfected all things, verily He is Well-Acquainted with what you do."
 (Soorah An-Naml 27:88)

Historical antecedents:

People had observed in the past that the Earth is stationary and as such, thought that it was the centre of the universe and that it does not move while the celestial bodies including the stars and other bodies move in complex orbits around it called epicycles. This was first proposed by the astronomer and mathematician, Claudius Ptolemaus, and was accepted for several centuries. Some of the astronomers later studied the movement of the Earth around the sun; and Nicholas Copernicus developed the model indicating that the spheres of the



The Excellence of Makkah over other Localities

Allah, Most High, says:

﴿وَلِنُنذِرَ أُمَّ الْقُرَىٰ وَمَنْ حَوْلَهَا﴾

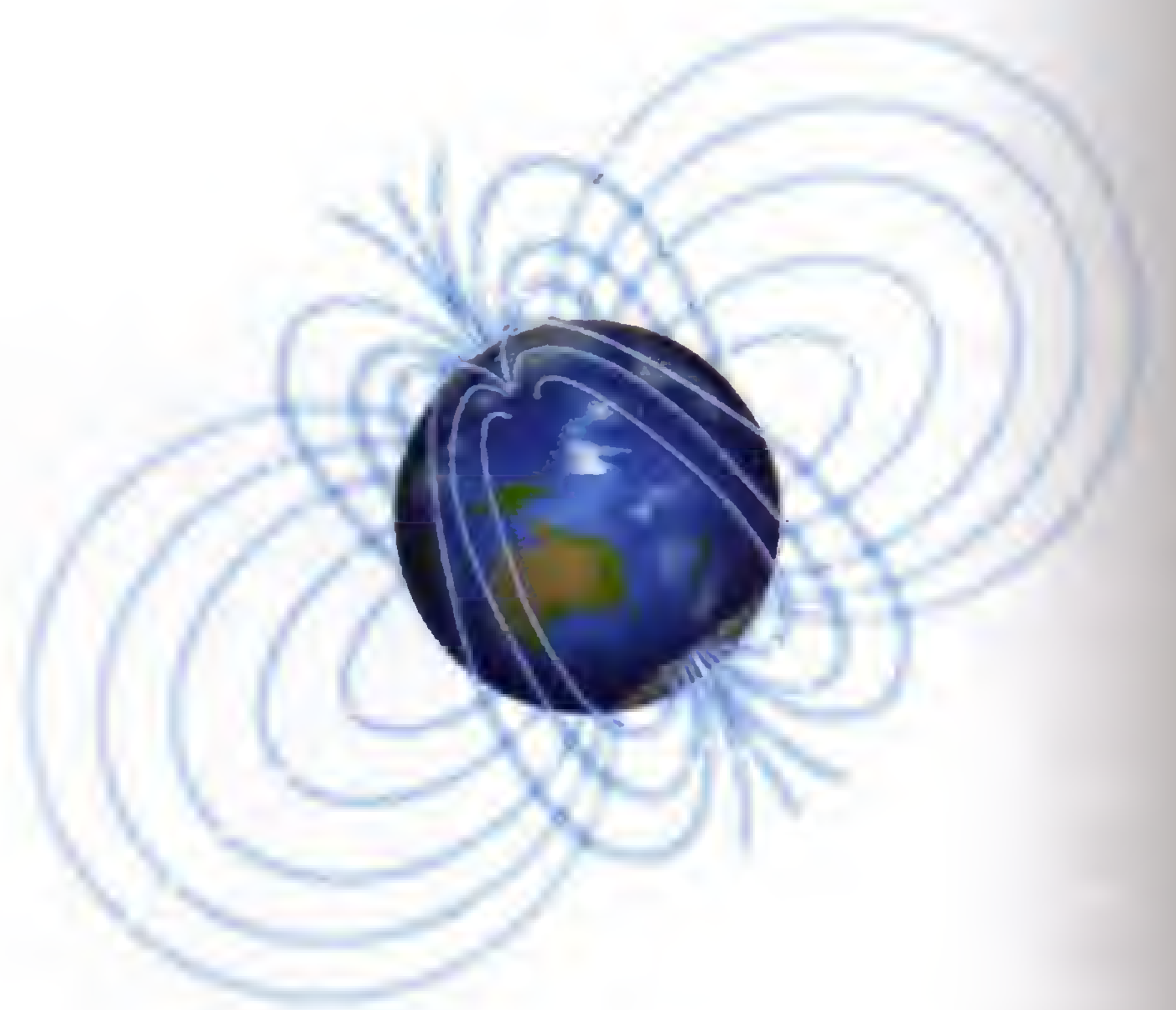
“And so that you may warn the Mother of Towns (i.e. Makkah) and all those around it.” (*Soorah Al-An’am* 6:92).

Imam Ahmad and At-Tirmidhi reported from Abu Hurairah, may Allah be pleased with him, who said: The Prophet, peace and blessings be upon him, stood at Al-Hazwarah and said: “I know that you are the best place on Allah’s Earth and the most beloved of it to Allah if not that your natives expelled me from you I would not have left.” Abdur-Razzaq said: Al-Hazwarah is by the Hannatin city gate. And the report of At-Tirmidhi from Ibn Abbas, may Allah be pleased with him, says: “The Messenger of Allah, peace and blessings be upon him, said, “How good are you of cities and beloved you are to me! Were it not that my kinsfolk drove me out of you, I would not reside in other than you.” Abu ‘Eesa said this *Hadith* is *hasan saheeh ghareeb* from this route.



The Protector is Allah

The Earth is protected by its magnetic field, which serves to deflect cosmic rays coming from the universe and solar flares from tremendous solar outbursts. The Earth's magnetic field deflects and makes electric charges to rise and revolve at great heights of up to four thousand kilometers or more, in a charged belt known as the Van Allen Belt (named after its discover in 1958). Had it not been for this protection, which Allah ordained, then such electric charges would have rained incendiary thunderbolts upon us leaving nothing behind on the Earth's surface. See the Signs of Allah's Mercy upon us, how He ordained that we be protected. For each of the two (the electric charges and magnetic field) there is an order, and everything before Him (Allah) has a measure. From this we appreciate His words:



﴿لَهُ مُعَقِّبَاتٌ مِّنْ بَيْنِ يَدَيْهِ وَمِنْ خَلْفِهِ يَحْفَظُونَهُ، مِّنْ أَمْرِ اللَّهِ إِنَّ اللَّهَ لَا يُغَيِّرُ مَا بِقَوْمٍ
حَتَّىٰ يُغَيِّرُوا مَا بِأَنْفُسِهِمْ ۖ وَإِذَا أَرَادَ اللَّهُ بِقَوْمٍ سُوءًا فَلَا مَرَدَّ لَهُ، وَمَا لَهُمْ مِنْ دُونِهِ مِنْ وَالٍ﴾

"For each (person), there are angels in succession, before and behind him. They guard him by the command of Allah. Verily, Allah will not change the good condition of a people as long as they do not change their state of goodness themselves (by committing sins and by being ungrateful and disobedient to Allah). But when Allah wills a people's punishment, there can be no turning back of it, and they will find besides Him no protector." (Soorah Ar-Ra'd 13:11).